ABSTRACT OF THE DISCLOSURE

A telephony network includes a number of switches that are coupled by respective trunk sets. In one or more of the switches, both a main queue storing identifiers of trunks that are available and a shadow queue are maintained. The shadow queue is used to store identifiers of available trunks in an order that tracks the order of a corresponding queue in a switch on the other end of the trunk set. By using both the contents of the main queue and the shadow queue to perform selection, trunk glare can be reduced.